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| Application/Control No |
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Sathyanarayan Pannala

09/458,689

Applicant(s)/Patent under Reexamination

FUJIMOTO ET AL.
Art Unit

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Examiner

2167

✓ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected
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|          | zim                   | Date   |  |         |       |          |          | ii[                | Cla      | im       | Date     |               |          |                     |          |          |   |   | C                       | aim     | Date  |              |          |          |          |          |                   |          |          |          |                  |          |
|----------|-----------------------|--------|--|---------|-------|----------|----------|--------------------|----------|----------|----------|---------------|----------|---------------------|----------|----------|---|---|-------------------------|---------|-------|--------------|----------|----------|----------|----------|-------------------|----------|----------|----------|------------------|----------|
|          |                       | Г      | П  | Т       | Т     | Π        |          | П                  | 7        |          |          |               |          | П                   |          |          | Т   | T   | T                       | Т       |       |              | Т        |          |          |          |                   |          |          |          | П                | ヿ        |
| Final    | Original              | \$6/05 |  | 1       |       | 1        |          |                    |          |          | Final    | Original      | 5/6/05   | ll                  |          |          | ١   |   |                         | 1       |       | Final        | Original |          |          |          |                   |          |          |          | - 1              | 1        |
| 2        | 묽                     | 3      |  | 1       |       | 1        |          |                    |          |          | Ē        | 훒             | 8        |                     |          |          | - 1   |   |                         |         |       | Œ            | 星        |          |          |          |                   |          |          |          |                  |          |
|          |                       | Ĭ      |  | 1       |       | 1        |          |                    |          |          | I        | 0             | ]        |                     |          |          | - 1   |   |                         |         |       |              | 0        |          |          |          |                   |          |          |          | - 1              |          |
|          | (1)                   | 1      |  | 十       | 1     | T        |          | $\Box$             | -        |          | _        | 51            | 7        | П                   |          | 7        | 7   | 1   | 十                       | $\top$  | 1     | $\vdash$     | 101      |          |          |          |                   |          | П        | $\Box$   | $\dashv$         | ヿ        |
|          | 2                     | 1      |  | T       | 1     | 一        | M        | Н                  |          | -        |          | 52            | 7        | П                   |          | 7        | 寸   | 1   | 1                       | 1       |       | $\vdash$     | 102      |          |          |          |                   |          | Н        | ┪        | 一                | ヿ        |
|          | 3                     | 1      | $\Box$   | ╅       | +     | T        | П        |                    | 7        | -        | $\neg$   | 53            | 7        | П                   |          | ┪        | 寸   | 十   | _                       | 1       | 1     |              | 103      |          | Т        |          |                   |          | П        | $\neg$   | ┪                | ヿ        |
|          |                       | 1      |  | +       | +     | T        | П        | $\vdash$           |          | -        | _        | 54            | 1        | $\vdash$            |          | 一        | 7   | 1   | 十                       | $\top$  |       | $\vdash$     | 104      |          | П        |          |                   |          |          | T        | $\dashv$         | ヿ        |
|          | 5                     | 7      |  | T       | +-    | T        | Н        | H                  | -        | <u>"</u> | $\neg$   | 55            | 7        | Н                   |          | 7        | 7   | 7   | 1                       | 1       | ۱     |              | 105      |          |          |          |                   |          |          | ┪        | ┪                | ヿ        |
|          | 6                     | 7      | $\vdash$   | ╈       | +-    | T        |          | $\Box$             |          | # -      |          | 56            | 7        | П                   |          |          | 寸   | 1   | 十                       | $\top$  |       |              | 106      | •        |          |          | $\exists$         |          |          | $\dashv$ | ┪                | ⊣        |
|          | 7                     | 1      |  | +       | _     | T        | П        | $\Box$             | -        | <u>"</u> |          | 57            | 7        | Н                   |          | $\neg$   | 7   | +   | $\top$                  | $\top$  | 1     |              | 107      |          | П        |          |                   |          |          | $\neg$   | 7                | ヿ        |
|          | 8                     | 1      |  | +       | _     | 1        | Н        | $\vdash$           | -        | <u>"</u> | _        | (58)          | 7        | Н                   |          | ┪        | 7   | ╅   | ╅                       | +-      | 1     |              | 108      |          | Н        | $\neg$   | П                 |          |          | T        | ┪                | ヿ        |
|          | 9.                    | 1      |  | +       | +     | 1        | Н        | Н                  | -        | 旷        | $\neg$   | (59)          | 7        | Н                   |          | -        | 7   | +   | +                       | +-      | t     | $\vdash$     | 109      | Н        | Н        | -        |                   |          |          | $\dashv$ | ┪                | ┪        |
| $\vdash$ | (10)                  | 1      | $\vdash$   | 十       | 1     | T        | П        | Н                  | -        | ⊪        | $\neg$   | (60)          | 7        | Н                   |          | 1        | ┪   | ╁   | +                       | +-      | 1     | <b>-</b>     | 110      | Н        | Н        | $\neg$   | $\neg$            | -        | -        | ┪        | +                | ᅱ        |
| $\vdash$ | 11                    | 1      | $\vdash$   | +       | +     | 一        | Н        | $\vdash$           | -        | ⊪        | -        | 61            | 1        | Н                   |          | -        | -   | +   | +                       | +       | t     | $\vdash$     | 111      |          | Н        |          | Н                 | -        |          | $\dashv$ | -+               | $\neg$   |
|          | 12                    | i      | $\vdash$   | $\top$  | +     | T        | H        | $\vdash \uparrow$  |          | 1        | $\neg$   | 62            |          | Н                   |          | $\dashv$ | $\dashv$  | +   | 十                       | T       | ı     | ┝            | 112      | H        | Н        | -        | $\dashv$          | $\vdash$ | $\vdash$ | +        | $\dashv$         | ᅱ        |
| <b> </b> | 18                    | ۲Ť     | $\vdash$   | +       | +     | $\vdash$ | H        | $\vdash$           | -        |          | -        | 63            |          | Н                   |          | $\dashv$ | ┪   | +   | +                       | ╈       | ı     | _            | 113      | $\vdash$ | Н        | -        | $\dashv$          | $\dashv$ |          | -        | $\dashv$         | 一        |
| $\vdash$ | 14                    | 1      | $\vdash$   | +       | +     | T        | Н        | $\vdash$           | -        | ⊪        | 寸        | 64            |          | Н                   |          | $\dashv$ | 十   | +   | ╅                       | +       | t     | $\vdash$     | 114      | H        | $\vdash$ | ↤        | $\dashv$          | $\dashv$ | $\vdash$ | $\dashv$ | ┪                | ᅱ        |
| $\vdash$ | 15                    | 7      | <del>                                     </del> | 十       | ┿     | 1        | Н        | $\vdash$           | -        | -        | -        | 65            | $\vdash$ | Н                   | $\vdash$ | $\dashv$ | ┪   | 十   | +                       | +-      | ı     | $\vdash$     | 115      | H        | Н        |          | $\dashv$          | -        | $\vdash$ | $\dashv$ | 十                | $\dashv$ |
| <b> </b> | 16                    | V      | $\vdash$   | +       | +     | Н        | Н        | $\vdash$           | -        | ⊪        | $\dashv$ | 66            | -        | Н                   | -        | $\dashv$ | $\dashv$  | +   | ╅                       | +       | t     | $\vdash$     | 116      | H        | Н        | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$         | ᅱ        |
|          | 17                    | 1      | +  | ╈       | ┿     | 1        | H        | $\vdash$           | -        | -        | $\dashv$ | 67            |          | Н                   |          | $\dashv$ | $\dashv$  | +   | +                       | +-      | ı     |              | 117      | Н        | Н        | _        | $\dashv$          | $\dashv$ |          | -        | $\dashv$         | $\dashv$ |
| <b>—</b> | (18)                  | Ť      | $\vdash$   | +       | +     | $\vdash$ | Н        | $\vdash$           | -        | -        | -        | 68            | $\vdash$ | H                   | -        | $\dashv$ | $\dashv$  | ╅   | ╅                       | +       | ı     | ┈            | 118      | Н        | Н        | $\dashv$ | $\dashv$          | -        | $\dashv$ |          | +                | $\dashv$ |
| $\vdash$ | 19                    | V      | H  | ┿       | ╫     | $\vdash$ | Н        | $\vdash$           | -        | ⊩        |          | 69            | -        | Н                   | -        | -        | ╌┼  | ╅   |                         | ┰       | łiiii |              | 119      | Н        |          | $\dashv$ | -                 | $\dashv$ | -        | -        | -+               | ᅱ        |
| ├        | 20                    | 1      | ╌  |         | ╫     | -        | Н        | -+                 | -        | ╬┝       |          | 70            | _        | Н                   |          | -        | +   | +   | +-                      | ╁╌      |       | _            | 120      | Н        | $\vdash$ | -        |                   | $\dashv$ | $\dashv$ | -        | -+               | $\dashv$ |
| ┝        | 24                    | -      | <del>     </del>                                 | ╁       | ┿     | ╀        | H        | -                  | -        | ╠        | $\dashv$ | 71            | $\vdash$ | Н                   | -4       | ╌┼       | ╌┼  | +   | ┰                       | ┿       | ł     |              | 121      | -        |          | -        | -                 | $\dashv$ | $\dashv$ | -        | ┿                | $\dashv$ |
| -        | 22                    | 1      | $\vdash$   | +       | +-    | ╌        | -        | $\vdash$           | -        | ⊩        | -        | 72            |          | Н                   | -        | -        | +   | +   | +                       | ╁╴      | łiiii |              | 122      | Н        | Н        | -        | $\dashv$          | $\dashv$ | $\dashv$ | $\dashv$ | -+               | ᅱ        |
|          | 23                    | 1      | $\vdash$   | +       | ╫     | ╂╼╌      | ╁╌┨      | $\vdash$           | -8       | ⊩        | -        | 73            | H        | H                   | $\dashv$ | ┥        | +   | +   |                         | +-      | 4     | -            | 123      | Н        | -        | -        | $\dashv$          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$         | ᅥ        |
|          | 24                    | 1      | $\vdash$   | ╫       | ╫     | ╂╌       | ╁╼┨      | $\vdash$           | -        | ⊩        | _        | 74            | $\vdash$ | Н                   |          | ┥        | +   | ┿   | +-                      | +-      | łiiii |              | 123      | Н        | Н        |          | $\dashv$          | $\dashv$ | -        | $\dashv$ | $\dashv$         | $\dashv$ |
|          | 25                    | 1      | $\vdash$   | ╁       | ╁     | -        | ╌        |                    | -        | ╟        | $\dashv$ | 75            | $\vdash$ | Н                   | $\dashv$ | ┥        | ╅   | ╅   | +                       | +       |       | -            | 125      | -        | $\vdash$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$         | $\dashv$ |
|          | 26                    | 7      | H  | +       | ┿     | ┢╾       | $\vdash$ | $\vdash$           |          | ⊩        |          | 76            | <u> </u> | Н                   | -        | $\dashv$ | +   | +   | +                       | +       |       | _            | 126      | Н        |          | -        | $\dashv$          | $\dashv$ | -        | $\dashv$ | +                | $\dashv$ |
| $\vdash$ | (27)                  | Ť      | ╁┼   | ┿       | ╀╌    | 1        | Н        | ┝╌╂                | -        | ⊩        | $\dashv$ | 77            | Н        | Н                   | $\dashv$ | -        | +   | +   | +                       | +-      |       | $\vdash$     | 127      | Н        | $\vdash$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$         | $\dashv$ |
| $\vdash$ | 28                    | 7      | ╁╼╁╌   | +       | ╂╾    |          | Н        | -                  | -        | ⊩        |          | 78            | Н        | Н                   | $\dashv$ | $\dashv$ | +   | +   | ┿                       | +       | ł     | <del>-</del> | 128      | Н        |          | {        | $\dashv$          | $\dashv$ | Н        | $\dashv$ | $\dashv$         | ⊣        |
| $\vdash$ | 29                    | v      | ╌  | +-      | ╂     | 1        | Н        | $\dashv$           |          | ⊩        | -        | <del>78</del> | $\vdash$ | Н                   | $\dashv$ | $\dashv$ | +   | +   |                         | +-      | 4     | _            | 129      | Н        | $\vdash$ | $\dashv$ | $\dashv$          | -        | -        | -        | -                | -1       |
| ├──      |                       | -      |  | +-      | ┿     | ╀        | Н        | $\vdash$           | -        | -        | -        |               | $\vdash$ | Н                   | $\dashv$ | $\dashv$ | +   | +   | +                       | +       |       | <u> </u>     |          | Н        | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | -        | -                | -        |
| <u> </u> | 20                    | 7      |  | +-      | +-    | ⊢        | Н        | +                  |          | ⊩        | _        | 80            |          | Н                   | $\dashv$ | -        | +   | +   | +                       | ┿       |       |              | 130      | ш        | $\dashv$ | _        | $\dashv$          | _        | $\dashv$ | -        | +                | 4        |
| ⊢        | 31                    |        | $\vdash$   | ╫       | ╫     | Н        | Н        | $\rightarrow$      | -        | ⊩        |          | 81            | Η        | Н                   | -        | 4        | -   | +   | +                       | +-      | 4     |              | 131      | Н        | $\dashv$ | $\dashv$ |                   | _        |          | -        | 4                | -1       |
| $\vdash$ | 32                    | 7      | ⊢┼   | ┿       | +     | $\vdash$ | Н        | $\dashv$           | -        | ₽        |          | 82            | Н        | Н                   | {        | 4        | +   | +   | +                       | +-      |       |              | 132      | Ш        | $\dashv$ | _        | -                 | _        | $\dashv$ | -        | $\dashv$         | $\dashv$ |
| $\vdash$ | 33                    | 7      | ⊢  | +       | ╫     | $\vdash$ | Н        | $\dashv$           | <b>—</b> | <b>-</b> |          | 83            | Н        | Н                   |          | -        | $\dashv$  | +   | +                       | +-      |       |              | 133      | Н        | $\dashv$ | _        | -                 | _        | Щ        | -        | -+               | $\dashv$ |
| $\vdash$ | 34 <sub>-</sub><br>35 | V      | $\vdash \vdash$                                  | ┿       | +     | $\vdash$ | Н        | $\dashv$           | -        | ⊩        |          | 84            | Н        | H                   | -        |          | +   | +   | +                       | +       |       | <u> </u>     | 134      | Н        | $\dashv$ | -        | $\dashv$          | $\dashv$ | $\dashv$ | -        | $\boldsymbol{+}$ | $\dashv$ |
| <b></b>  |                       | 7      | <del> </del>                                     | ┿       | ┿     | $\vdash$ | Н        | -                  |          | -        | $\dashv$ | 85            | Н        | ⊢┤                  | -        | -        | $\dashv$  | +   | +                       | +       |       |              | 135      | Н        | $\dashv$ |          |                   | -        | Н        | -        | +                | $\dashv$ |
|          | 36                    |        | ⊢⊹   | +       | +-    | $\vdash$ | Н        | -                  |          | ⊩        |          | 86            | Н        | ⊢⊦                  | _        |          | $\dashv$  | -   | +-                      | +       |       | <b></b>      | 138      | -        | $\dashv$ | _        | -4                | _        | Н        | 4        | 4                | 4        |
| <b>-</b> | 37                    | 1      | ├-   | +       | ╀     | ₩        |          | -+                 | -#       | ⊩        |          | 87            | Н        | ⊢┩                  |          |          | 4   | +   | +                       | +-      |       |              | 137      | ш        | -4       | _        | _                 | _        | _        | 4        | -                | 4        |
| -        |                       | _      | $\vdash \vdash$                                  | +       | +     | $\vdash$ | Н        | $\dashv$           | -        | -        |          | 88            | Ш        | $\vdash \downarrow$ | _        |          | +   | +   | +                       | ╀       | ł     |              | 138      | Ш        |          | _        |                   | _        |          | 4        | 4                | 4        |
| $\vdash$ | 39                    | 7      | ₩  | +       | +-    | ₽        | $\vdash$ | $\dashv$           | -        |          | -        | 89            | Ш        | $\vdash \dashv$     | _        | -+       | $\dashv$  | 4   | +-                      | 4-      | ▮∭    |              | 139      | Щ        |          | _        | 4                 | 4        | _        | 4        | 4                | 4        |
| $\vdash$ | 40                    | 7      | ⊢⊹   | ╀       | +-    | $\vdash$ | Н        | -                  | :::      | L        | -4       | 90            | Ш        | Н                   | _        | _        | 4   | 4   | 4                       | 4       |       |              | 140      | Щ        | $\sqcup$ | _        | _                 | _        |          | _        | 4                | 4        |
| <u> </u> | 41                    | 7      | $\vdash \vdash$                                  | +       | +-    | $\vdash$ | Н        | $\dashv$           | -        | L        |          | 91            | Щ        | $\vdash \vdash$     | _        | 4        | 4   | 4   | 4                       | ╀       |       |              | 141      | Щ        | $\sqcup$ | _        | _                 | _        | Ш        | 4        | 4                | 4        |
| ⊢⊢       | 42                    | 7      | ₩  | +       | +-    | Н        | H        | -                  | -        | Ŀ        | _        | 92            |          | Н                   | _        | 4        | 4   | +   | +                       | +       |       |              | 142      |          | 4        | _        | _                 | _        | _        | 4        | 4                | _        |
| igsquare | 43                    | 7      | ₩  | +       | +     | Ш        | Н        | $\dashv$           | -#       | L        | _        | 8             |          | Ц                   | _        |          | 4   | 4   | 4                       | $\perp$ |       |              | 143      |          | $\Box$   |          | _                 |          |          | 4        | 4                | _        |
| $\vdash$ | <b>(</b>              | 7      | ╙  | 1       | ╄-    | Н        | Ы        | 4                  | -##      | L        | _        | 94            |          | Ш                   | _        | _        | 4   | 1   | _                       | _       |       |              | 144      | Ш        | Ц        | _        | _                 | Ц        | Ц        | _        | 4                | _        |
| <b></b>  | 45                    | 7      | ╙  | 4       | ↓     | Ш        | Ш        | 4                  | _#       | L        | _        | 95            | Ш        | Щ                   | _        | 4        | 4   | 4   | 4                       | $\perp$ |       |              | 145      |          | Ц        | $\Box$   |                   |          |          | _[       | _                | [        |
|          | 46                    | 7      | $\sqcup$   | _       | 4_    | Ш        | Ц        | $oldsymbol{\perp}$ | _#       | L        | _        | 96            |          | Ц                   | $\dashv$ | _        | _   | $\perp$   | ┵                       | $\perp$ |       |              | 146      | Ш        | $\Box$   | _]       | $oldsymbol{\bot}$ | [        | [        | ⅃        | _[               |          |
| ш        | 4                     | Ļ      | $\sqcup$   | 丰       | _     | Ш        | Ц        | 4                  | _#       | L        |          | 97            | Ш        | Ш                   |          | [        | $\bot$  | Į.  | 1                       | $\perp$ |       |              | 147      |          | Ш        | I        |                   |          |          | $\Box$   | $\bot$           |          |
|          | 48                    | 7      | Ш  | L       |       | Ш        | Ш        | $oldsymbol{\bot}$  | E::      |          |          | 98            |          |                     |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ | $\perp$                 |         |       |              | 148      |          |          |          |                   |          |          | $\Box$   | $\Box$           | $\Box$   |
|          | 49                    | 7      | Ш  | $\perp$ | oxdot |          |          | $\Box$             |          |          | $\Box$   | 99            |          |                     |          |          | $\Box$  | $oldsymbol{\mathbb{T}}$   | $oldsymbol{\mathbb{L}}$ |         |       |              | 149      |          |          |          |                   |          |          | J        | $\Box$           | $\Box$   |
|          | 50                    | 7      | Ш  |         |       |          |          |                    |          | L        |          | 100           |          |                     | T        | T        |   | T   |                         |         |       |              | 150      |          |          |          |                   |          |          |          | Т                | 7        |